

Color so bold, you'll have to see it with
your own eyes. The GPSMAP 76C and
76CS feature large 256-color TFT displays
that won't wash out in any light.
These mariner-friendly handhelds are

Waterproof receivers with a big splash of color

WAAS-enabled, waterproof, and they'll
even float if dropped overboard. They're
set to go the distance on land or sea
thanks to a long hour battery life and
115-megabyte internal memory for
storing loads of extra map detail from
MapSource® CDs, including BlueChart®
and TOPO. The 76CS adds electronic
compass and barometric altimeter
capabilities for extremely accurate
heading and elevation readings.
Automatic pressure trend recording even
lets you can keep an eye on the weather.





GPSMAP® 76C/76CS

specifications



Navigation features

Waypoints/icons:	1000 with name and graphic symbol, 10 proximity
Routes:	50 reversible routes with up to 250 points each, plus MOB and TracBack® modes
Tracks:	Automatic track log; 20 saved tracks let you retrace your path in both directions
Trip computer:	Current speed, average speed, resettable max. speed, trip timer and trip distance
Alarms:	Anchor drag, approach and arrival, off-course, proximity waypoint, shallow water and deep water
Tables:	Built-in celestial tables for best times to fish and hunt, sun and moon rise/set based on date and location
Map datums:	More than 100 plus user datum
Position format:	Lat/Lon, UTM/UPS, Maidenhead, MGRS, Loran TDs and other grids, including user grid

GPS performance

Receiver:	WAAS-enabled, 12 parallel channel GPS receiver continuously tracks and uses up to 12 satellites to compute and update your position
Acquisition times:	
Warm:	Approximately 15 seconds
Cold:	Approximately 45 seconds
AutoLocate™:	Approximately 5 minutes
Update rate:	1/second, continuous
GPS accuracy:	
Position:	< 15 meters, 95% typical*
Velocity:	0.05 meter/sec steady state
DGPS (USCG) accuracy:	
Position:	3-5 meters, 95% typical
Velocity:	0.05 meter/sec steady state
DGPS (WAAS) accuracy:	
Position:	< 3 meters, 95% typical
Velocity:	0.05 meter/sec steady state
Dynamics:	6 g's
Interfaces:	USB, RS232 with NMEA 0183, RTCM 104 DGPS data format and proprietary Garmin
Antenna:	Built-in quadrifilar, with external antenna connection (MCX)
Differential:	DGPS, USCG and WAAS capable

Moving map features

Basemap:	(GPSMAP 76C & 76CS) Built-in routable basemap (North and South America) with cities, highways, interstates, local thoroughfares and secondary roads within metro areas, interstate exit services, airports, rivers, lakes, coastlines and tide stations
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Uploadable maps:	(GPSMAP 76C & 76CS) Accepts up to 115 megabytes of downloaded map detail from a variety of optional MapSource® CDs
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Electronic compass feature (GPSMAP 76CS only)

Accuracy:	±2 degrees with proper calibration (typical); ±5 degrees extreme northern and southern latitudes
Resolution:	1 degree

Barometric altimeter feature (GPSMAP 76CS only)

Accuracy:	10 feet with proper calibration (user and/or automatic calibration)
Resolution:	1 foot
Range:	-2,000 to 30,000 feet
Elevation computer:	Current elevation, resettable minimum and maximum elevation, ascent/descent rate, total ascent/descent, average and maximum ascent/descent rate
Pressure:	Local pressure (mbar/inches HG), 48-hour automatic pressure trend recording

Power Source:	Two "AA" batteries (not included)
Battery life:	Up to 30 hours (76C) Up to 20 hours (76CS)

Physical Size:	2.7"W x 6.2"H x 1.4"D (6.9 x 15.7 x 3.5 cm)
Weight:	7.6 ounces with batteries
Display:	1.5"W x 2.2"H (3.8 x 5.6 cm) 256-color transfective TFT display (160 x 240 pixels)

Case:	Fully gasketed, high impact plastic alloy, waterproof to IEC 60529 IPX7 standards
Temp. range:	5°F to 158°F (-15°C to 70°C)
User data storage:	Indefinite, no memory battery required

Accessories

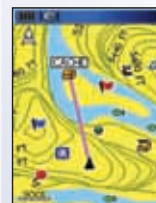
Standard:	PC/USB interface cable MapSource Trip & Waypoint Manager Owner's manual Quick reference guide Wrist strap
Optional:	Marine mount Carrying case 12-volt adapter cable Power/data cable Remote GPS antenna MapSource CD-ROMs Automotive navigational kit Includes (City Select®, with full unlock, friction mount, dash mount, and 12-volt power cable)



Accepts MapSource BlueChart® data for detailed offshore cartography.



Get detailed street maps plus the location of services with MapSource City Select data.



MapSource TOPO data is ideal for outdoor sports such as geocaching.



The barometric altimeter feature on the GPSMAP 76CS provides elevation profiles.

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Specifications are preliminary and subject to change without notice.

* Subject to accuracy degradation to 100m 2DRMS under the U.S. Department of Defense imposed Selective Availability Program.

GPSMAP 76C



GPSMAP 76CS

